Technical sheet :

## MC 18-4 ST5

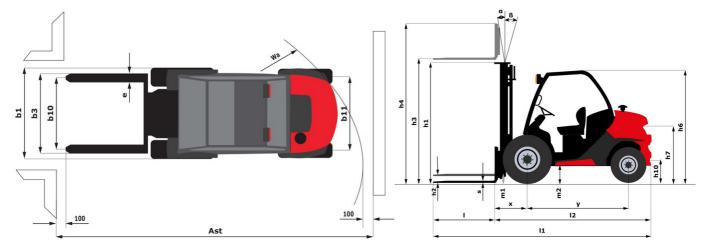




	Technical characteristics	
.1	Manufacturer	
2 3	Model Name	
	Power source	
1	Operator type	
	Max. capacity	
5	Load center of gravity	
8	Load distance, centre of drive axle to fork	
9	Wheelbase	
	Weight	
	Standard mast reference of the machine	
1	Service weight	
.2	Weight on front axle (laden) / rear axle (laden)	
3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
I	Tires type	
2	Dimensions of front wheels	
3	Dimensions of rear wheels	
5	Number of front wheels / rear wheels	
i.2	Number of drive wheels	
.6	Front wheel gauge	
7	Rear wheel gauge	
	Dimensions	
.7	Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version)	
1.8	Seat height/stand height	
19	Overall length	
.20	Length to face of forks	
.21	Overall width	
.22	Forks section x width x length	
23	Fork carriage ISO 2328 (class/form) A/B	
24	Fork carriage width	
.31	Ground clearance below mast	
.32	Ground clearance at centre of wheelbase	
.35	Tuming radius	
5.1	Performances	
.1 .2	Travel speed (laden / unladen)	
	Lifting speed (laden / unladen)	
3	Lowering speed (laden / unladen)	
.5	Drawbar pull (Laden)	
7	Gradeability (laden)	
0	Service brake	
	Engine	
2	Engine power according to ISO 1585	
1	Engine brand / model / norm	
2	Engine power according to ISO 1585	
3	Rated speed	
.4	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
.1	Type of drive control	
2	Working hydraulic pressure for attachments	
3	Oil flow rate for attachments	

MC 18-4 ST 5	Created on May 5, 2024 at 6:03:05 AM UTC
	Metric
	Manitou
	MC 18-4 ST5
	Diesel
	Seated
Q	1800 kg
c	500 mm
x	616 mm
у	1900 mm
,	
	FVD 33
	3590 kg
	4670 kg / 720 kg
	1660 kg / 1930 kg
	1000 kg / 1500 kg
	Pneumatic
	12,5/80-18/12 SL R4
	27x10-12 SKS
	2/2
	4
b10	1159 mm
b10	1176 mm
511	
h6 / h6*	2155 mm / 1990 mm
h7	1094 mm
11	4100 mm
12	2950 mm
b1	1450 mm
s / e / l	35 mm x 100 mm / 1150 mm
	2A
b3	1260 mm
m1	300 mm
m2	310 mm
Wa	3370 mm
	12 km/h / 23.50 km/h
	0.44 m/s / 0.44 m/s
	0.40 m/s / 0.40 m/s
	1800 daN
	35 %
	Hydraulic brakes by loss of pressure
	27 kW
	Kubota / D1803 CR E5B / Stage V
	27 kW
	2700 rpm
	3 - 1826 cm³
	Electronic
	160 bar
	31 I/min

## MC 18-4 ST5 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 40	FVD 45
Mast/fork carriage tilt, forward	۰	12	12	12	12
Mast/fork carriage tilt, backward	۰	10	10	10	10
h1 - Mast lowered height	mm	2348	2608	2798	3048
h2 - Mast free lift	mm	85	85	85	85
h3 - Mast lifting height	mm	3300	3700	4000	4500
h4 - Mast extended height	mm	4018	4428	4768	5268
Residual capacity at max height	kg	1800	1800		1100
Residual capacity with hooked-on side shift at max heigth	kg	1800	1800		1100
Height at max capacity	mm	3300	3700	2500	3600
Height at max capacity with hooked-on sideshift	mm	3300	3700		3600

Free Lift Triplex (FLT)		FLT 37	FLT 43	FLT 47	FLT 55
Mast/fork carriage tilt, forward	۰	12	12	12	6
Mast/fork carriage tilt, backward	٥	10	10	10	6
h1 - Mast lowered height	mm	1998	2198	2348	2608
h2 - Mast free lift	mm	1305	1505	1655	1915
h3 - Mast lifting height	mm	3700	4300	4700	5500
h4 - Mast extended height	mm	4453	5053	5453	6253
Residual capacity at max height	kg	1600	1000	600	
Residual capacity with hooked-on side shift at max heigth	kg	1550	1000	600	
Height at max capacity	mm	3400	3400	3400	2500
Height at max capacity with hooked-on sideshift	mm	3300	3400	3400	

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	۰	12
Mast/fork carriage tilt, backward	٥	10
h1 - Mast lowered height	mm	1888
h2 - Mast free lift	mm	135
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4048
Residual capacity at max height	kg	1800
Residual capacity with hooked-on side shift at max heigth	kg	1800
Height at max capacity	mm	3300
Height at max capacity with hooked-on sideshift	mm	3300



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